# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 02 Dec 2021 until 23:59 on Friday 03 Dec 2021

Forecast Issued on Wednesday 01 Dec 2021 at 15:45

**Confidence:** High for dry, bright and cold conditions for most of Thursday then turning more unsettled for the rest of the week. There is low confidence for details over the weekend.

**Headline for Thursday 02 Dec 2021:** Dry, bright and very cold conditions. Breezy.

**Mountain weather hazards on Thursday 02 Dec 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Clear night | Cloudy | Clear night | Sunny | Sunny | Sunny intervals | Partly cloudy (night) | Cloudy |
| Precipitation probability | | | | | | | |
| 10% | 30% | 10% | <05% | <05% | <05% | 10% | 40% |

**Forecast for Thursday 02 Dec 2021**

**Weather:** Isolated sleet or snow showers in the early hours, clearing before dawn. A dry day with long bright or sunny periods but high cloud will increase during the afternoon. Outbreaks of sleet and snow spreading east during the evening, after around 9pm.

**Chance of cloud free mountain/hill tops above 600m:** 100% during daytime. 60% for a time in the early hours and becoming 10% late in the evening.

**Visibility:** Excellent air clarity during daytime. Poor in sleet and snow with patchy cloud on the tops in the early hours. Cloud becoming extensive above 300m late in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Met Office Mountain Weather Forecast

**Forecast for Thursday 02 Dec 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/27 NW | 21/30 NW | 19/29 NW | 16/27 NW | 13/19 NW | 8/12 W | 8/12 SW | 12/18 SW | 18/26 SW |
| **300** | 11/27 NW | 11/26 NW | 12/24 NW | 12/24 NW | 9/17 NW | 4/10 W | 3/10 W | 3/11 SW | 9/19 SW |
| **Valley** | 4/18 NW | 9/25 NW | 13/29 N | 12/26 N | 8/17 N | 2/7 NW | 1/5 SE | 2/10 SW | 7/17 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -3/-11 | -4/-11 | -4/-12 | -4/-12 | -3/-9 | -2/-7 | -2/-7 | -1/-6 | -1/-8 |
| **300** | -1/-6 | -1/-6 | -2/-8 | -2/-8 | 0/-4 | -0/-2 | -1/-3 | -0/-2 | 1/-3 |
| **Valley** | 0/-2 | 0/-4 | -0/-6 | -0/-6 | 2/-1 | 2/0 | 0/-1 | 1/-1 | 2/-0 |
| **Freezing Level*** | 00m | 00m | 00m | 00m | 100m | 100m | 100m | 100m | 500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A good window of dry and bright weather during the day but feeling bitterly cold in the northwesterly breeze. Note the deteriorating conditions later in the evening.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Wed 01 Dec 2021 | 0mm | 0mm | 0mm |

**Forecast for Friday 03 Dec 2021**

**Weather:** Outbreaks of rain overnight, initially falling as snow on high slopes. A misty start to the day with light rain or drizzle but becoming dry and bright by the afternoon. Dry in the afternoon but a few showers will arrive from the west in the evening, these wintry above 600m.

**Maximum wind:** West or Southwest 25 to 30mph gusts 40mph in early hours, decreasing to 15mph during morning.

**Chance of cloud free mountain/hill tops above 600m:** Nil at first becoming 80% during the afternoon. Falling to 40% in the evening.

**Visibility:** Very poor overnight and much of the morning with cloud down to lower slopes. Cloud lifting and breaking from late morning with good visibility at all levels in the afternoon. Poor at times in the evening in wintry showers, occasional cloud above 500m.

**Temperature:** **Valleys:** Plus 7 or 8C.
**At 600m:** Zero C and midnight, rising to Plus 3 or 4C.
**Freezing level:** 500m at midnight, rising above summits by morning.

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